

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (CURRENTLY AMENDED) A method of scanning a document to generate image data of the document using a scanner, the method comprising:

performing a pre-scanning operation of the scanner at a first predetermined resolution and speed according to a scan command until a current scanning area is located in a main-scan area;

stopping the pre-scanning operation of the scanner when the current scanning area is located in the main-scan area; and

performing a main-scanning operation of the scanner, comprising resuming a scanning operation of the scanner at a second predetermined resolution and speed in response to the stopping the pre-scanning operation, until the current scanning area is beyond the main-scan area, after the current scanning area has been located in the main-scan area,

wherein said performing the pre-scanning operation and said performing the main-scanning operation comprise determining whether white data exists for each line of a document to be scanned and counting a number of white lines of the white data.

2. (ORIGINAL) The method of claim 1, wherein said performing a pre-scanning operation comprises sensing a position of a starting portion of the main-scan area in which a document is positioned.

3. (ORIGINAL) The method of claim 1, wherein said performing a main-scanning operation comprises scanning a document sensed during the pre-scanning operation to generate image data of the document.

4. (ORIGINAL) The method of claim 1, further comprising inputting a number of documents for which image data are to be generated.

5. (ORIGINAL) The method of claim 4, further comprising, if the number of documents input is one, ending scanning of the document after said performing a main-scanning operation ends.

6. (ORIGINAL) The method of claim 4, further comprising, if the number of documents input is two or more, sensing a starting portion of a subsequent document after said performing a main-scanning operation ends by repeating said performing a pre-scanning operation.

7. (CANCELED)

8. (CURRENTLY AMENDED) A method of scanning documents using a scanner, comprising:

placing one or more documents to be scanned within a physical scan area;

performing a pre-scanning operation of the scanner until a beginning of one of the documents is sensed;

stopping the pre-scanning operation of the scanner when the beginning of one of the documents is sensed; and

performing a main-scanning operation of the scanner, comprising resuming a scanning operation of the scanner in response to the stopping the pre-scanning operation, until an end of the one of the documents is sensed; and

repeating said performing a pre-scanning operation and said performing a main-scanning operation until a bottom of the physical scan area is reached, thereby scanning the physical scan area once,

wherein said performing the pre-scanning operation and said performing the main-scanning operation comprise determining whether white data exists for each line of a document to be scanned and counting a number of white lines of the white data.

9. (CURRENTLY AMENDED) A scanner system for scanning a document, comprising:

one or more documents placed to be scanned within a physical scan area;

a scanner, which performs a pre-scanning unit performing a pre-scanning operation at a first predetermined resolution and speed by moving in a predetermined direction until a current scanning area is located in a main-scan area and stopping the pre-scanning operation when the scanning area is located in the main-scan area; and which performs a main-scanning unit

performing a main-scanning operation at a second predetermined resolution and speed, until the current scanning area is beyond the main-scan area, by resuming the moving in the predetermined direction, after the current scanning area has been located in the main-scan area;

~~the stopping the pre-scanning operation triggering the performing the main-scanning operation; and~~

a controller controlling the operation of the scanner,
wherein the scanner, during the performing the pre-scanning operation and said
performing the main-scanning operation, determines whether white data exists for each line of a
document to be scanned and counts a number of white lines of the white area.

10. (ORIGINAL) The scanner of claim 9, wherein the first predetermined resolution and speed are set by a user or set depending on characteristics of the scanner.

11. (ORIGINAL) The scanner of claim 9, wherein the speed of the pre-scanning operation is greater than the speed of the main-scanning operation.

12. (ORIGINAL) The scanner of claim 9, wherein a size of a document to be scanned is the same size as a business card.

13. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the performing of the pre-scanning operation comprises performing the pre-scanning operation without displaying a scanned area to a user.

14. (PREVIOUSLY PRESENTED) The method of claim 2, wherein the sensing comprises automatically sensing.